

# SEQUENCE LISTING

<110> Whitcombe, David M  
Theaker, Jane  
Gibson, Neil J  
Little, Stephen

<120> Methods for Detecting Nucleic Acid Sequences

<130> 1991-143

<140> 09/200 232

<141> 1998-11-25

<150> UK/9812768.1

<151> 1998-06-13

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: B2098-BRCA  
Scorpions primer

<220>

<221> stem\_loop

<222> (1)..(29)

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<221> misc\_feature

<222> (30)

<223> n = MR = a non-fluorogenic fluorophore attached to  
a uracil

<220>

<221> misc\_feature

<222> (31)

<223> n = HEG = blocking hexethylene glycol monomer

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<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: R186-98,  
Untailed equivalent of B2098 primer

<400> 2

ttggagattt tgtcacttcc actctcaaa

<210> 3  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Z3702, Probe  
segment of the Scorpions B2098 primer

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<220>  
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<222> (30)  
<223> n = MR = a non-fluorogenic fluorophore attached to  
a uracil

30

<400> 3  
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<210> 4  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: B2731 Scorpion  
primer

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<222> (18)  
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a uracil

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<222> (19)  
<223> n = H = blocking hexethylene glycol monomer

50

<400> 4  
aggtagtga gagagtgnng agcctcaaca tcctgctccc ctctactac

<210> 5  
<211> 49  
<212> DNA  
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<223> Description of Artificial Sequence: B4249 Scorpion  
primer without quencher on same molecule

<220>  
<221> misc\_feature  
<222> (18)  
<223> n = h = blocking hexethylene glycol monomer

49

<400> 5  
aggtagtga gagagtgnga gcctcaacat cctgctcccc tcctactac

<210> 6  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Quencher  
oligonucleotide for B4249 (complement tail)

<220>  
<221> misc\_feature  
<222> (18)  
<223> n = MR = a non-fluorogenic fluorophore attached to  
a uracil

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cactctctgc actactctn

18

<210> 7  
<211> 28  
<212> DNA  
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<220>  
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R284-97

28

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ttcggggctc cacacggcga ctctcaac

<210> 8  
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<212> DNA  
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<223> Description of Artificial Sequence: ARMS primer  
R283-97

28

<400> 8  
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